506345669 11/09/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ONCTERNAL THERAPEUTICS, INC.	10/20/2020

RECEIVING PARTY DATA

Name:	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
Street Address:	600 HENLEY STREET
City:	KNOXVILLE
State/Country:	TENNESSEE
Postal Code:	37996

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	12209137
Application Number:	12228100
Application Number:	13153427
Application Number:	14058896
Application Number:	15361049
Application Number:	13004764
Application Number:	13953492
Application Number:	14293632
Application Number:	14798208
Application Number:	15075373
Application Number:	15371104
Application Number:	16051042
Application Number:	16242950

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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PATENT

REEL: 054318 FRAME: 0958 506345669

Address Line 2: 12TH FLOOR Address Line 4: NEW YORK, NEW YORK 10036 **ATTORNEY DOCKET NUMBER:** 701349-13-10 **NAME OF SUBMITTER:** MICHELLA EBURNE **SIGNATURE:**

/Michella Eburne/

11/09/2020

Total Attachments: 7

DATE SIGNED:

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> **PATENT REEL: 054318 FRAME: 0959**

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, we the undersigned, Oncternal Therapeutics, Inc., a corporation having a place of business at 12230 El Camino Real, Suite 300, San Diego, CA 92130 (hereinafter, the "ASSIGNOR"),

Hereby sell, assign and transfer to University of Tennessee Research Foundation, a company located at 211 Conference Center, Knoxville, Tennessee 37996 its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest in and to the patents and/or patent applications listed in **Exhibit A** annexed hereto; and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions, including but not limited to the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, and the European Patent Convention, related thereto, and in and to all original and reissued patents which have been or shall be issued thereon; and including the ASSIGNOR's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted thereon, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment;

Authorize and request the Commissioner of Patents of the United States to issue to said ASSIGNEE, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all Letters Patent thereon;

Agree that, when requested, without charge to, but at the expense of, said ASSIGNEE, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United

States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents thereon; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said ASSIGNEE, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said patent applications and the history thereof; testify in all legal proceedings; and generally do everything possible which said ASSIGNEE, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said patent applications and for vesting title to all applications for patents or related foreign rights and all patents thereon, in said ASSIGNEE, its successors, assigns and legal representatives.

Executed by: Oncternal Therapeutics, Inc.,

[Signature]

[Name]

[Position]

President & CEO

Witness: Mary Breitmeyer

Mary Breitmeyer

12230 El Camino Real, San Diego

10/20/2020

[day / month / year]

[Signature]

[Name]

[Address]

[Date]

Executed by: University of Tennessee Research Foundation	[Signature]	0E3CA7E9E917405
	[Name]	Richard Magid
	[Position]	Vice President

Witness: Tinicka Turaikill[Signature]

Tinicka Thrailkill[Name]

910 Madison, Suite 827 Memphis, TN 3816pAddress]

10/21/2020 | 12:45:39 PDT [Date]

[day/month/year]

 $\underline{Exhibit\ A}$ Assignment of Patent Rights from Oncternal Therapeutics, Inc., to University of Tennessee Research Foundation.

Attorney Docket No.	Title	Filing Date	Application No.
P-70249-AT	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-AU	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2008298901
P-70249-AU1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2013204675
P-70249-AU2	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2015205967
P-70249-AU3	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2017201053
P-70249-BE	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-BG	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-CA	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2709118
P-70249-CA1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2886498
P-70249-CA2	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2886501
P-70249-CH	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-CN	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2008801155337
P-70249-CN1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2012105301044
P-70249-CN2	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2013103086885
P-70249-CY	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-CZ	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-DE	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-DE1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	141900282
P-70249-DK	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-ES	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-FI	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-FR	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-FR1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	141900282
P-70249-GB	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-GB1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	141900282
P-70249-GR	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-HR	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-HU	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760

P-70249-IE	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-IL	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	204352
P-70249-IL1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	224832
P-70249-IL3	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	251483
P-70249-IN	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	1887DELNP2010
P-70249-IN1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	201718032469
P-70249-IS	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-IT	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-JP	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2010524998
P-70249-JP1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2011246394
P-70249-JP2	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	2014006976
P-70249-KR	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	1020107007825
P-70249-KR1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	1020157036209
P-70249-LI	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-LT	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-LU	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-MC	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-MX	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2010002784
P-70249-MX1	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2012013650
P-70249-MX2	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2012013653
P-70249-MX3	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2016010097
P-70249-MX4	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2017007289
P-70249-MX5	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	MXa2018014065
P-70249-NL	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-NO	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-PL	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-PT	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-RO	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-RU	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	201070350
P-70249-SE	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-TR	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	87994760
P-70249-US	Solid Forms of Selective Androgen Receptor Modulators	11-Sep-08	12209137

P-70249-US1	Solid Forms of Selective Androgen Receptor Modulators	29-Sep-08	12228100
P-70249-US2	Solid Forms of Selective Androgen Receptor Modulators	05-Jun-11	13153427
P-70249-US3	Solid Forms of Selective Androgen Receptor Modulators	21-Oct-13	14058896
P-70249-US5	Solid Forms of Selective Androgen Receptor Modulators	24-Nov-16	15361049
P-73379-US	Methods Of Treating Meibomian Gland Dysfunction	11-Jan-2011	13/004,764
P-74233-AU	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2013203600
P-74233-AU1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2016203696
P-74233-AU2	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2018201450
P-74233-BR	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	1120150007821
P-74233-CA	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2879049
P-74233-CN1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	201711417639X
P-74233-CN2	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2019111887257
P-74233-EP	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	138172317
P-74233-EP1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	201794138
P-74233-IL	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	236681
P-74233-JP	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2015521597
P-74233-JP1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2017046924
P-74233-JP2	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	2018149623
P-74233-KR	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	1020157003951
P-74233-KR1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	10-2020-7016499
P-74233-MX	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-March-13	MXa2015000572
P-74233-PC1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	31-Jul-19	PCTUS1944550
P-74233-RU	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor	07-Mar-13	2015104780

	Modulators (SARMs)		
P-74233-RU1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	07-Mar-13	2017141776
P-74233-US1	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	29-Jul-13	13953492
P-74233-US2	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	02-Jun-14	14293632
P-74233-US3	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	13-Jul-15	14798208
P-74233-US4	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	21-Mar-16	15075373
P-74233-US5	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	06-Dec-16	15371104
P-74233-US6	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	31-Jul-18	16051042
P-74233-US7	A Method of Treating Androgen Receptor (AR)-Positive Breast Cancers with Selective Androgen Receptor Modulators (SARMs)	08-Jan-19	16242950